

Converting Colors

Hex(42403D)

Have a look what the booklet for
Hex(42403D) contains.

Hex(42403D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(42403D)

Conversions

Conversions Part 1

Format	Color
Hex	42403D
RGB	66, 64, 61
RGB Percent	26%, 25%, 24%
CMY	0.7412, 0.7490, 0.7608
CMYK	0.00, 0.03, 0.08, 0.74
HSL	36°, 4%, 25%
HSV	36°, 8%, 26%
XYZ	4.9225, 5.1620, 5.1518
YIQ	64.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

Format	Color
RYB	64, 66, 61
Decimal	4341821
CIELab	27.19, 0.20, 2.13
CIELCh	27, 2.140, 84.520
Yxy	5.1620, 0.3231, 0.3388
Android (android.graphics.Color)	4282531901 (0xFF42403D)
YUV	64.2560, -1.6052, 1.5295
Hunter-Lab	22.7200, -1.0864, 2.4598

Details

The Hex color **42403D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3F42**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **72706C**, and **181613** is the 20% darker color. If you saturate the color by 10%, you get **423D36**, and if you desaturate by 10%, it is **424344**.

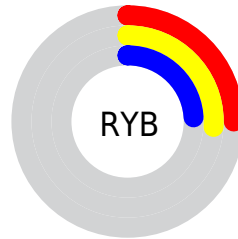
Distribution



Red (26%)

Green (25%)

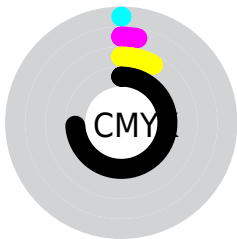
Blue (24%)



Red (25%)

Yellow (26%)

Blue (24%)



Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (74%)



Cyan (74%)

Magenta (75%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42403D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 42403D by changing the saturation by 10% instead.



42403D



42403D

FFFFFF



2C2A27



72706C



181613



8B8986



000000



A6A3A0



C1BEBB



DDDAD6



F9F7F3



42403D



42403D



423D36



424344

■ 423B30

■ 42454A

■ 423829

■ 424851

■ 423523

■ 424B57

■ 42331C

■ 424D5E

■ 423015

■ 425065

■ 422E0F

■ 42526B

■ 422B08

■ 425572

■ 422802

■ 425878

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43403E



42403D



40413D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42403D



3C4142



423F42

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42403D



3D3F42

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



404043



42403D



3D4143

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42403D



3D4140



3E4043



433F41

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42403D



3F413E



3E4043



424043

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42403D



575655



423D3F



2B2B2A



ABABAB



2B2B2B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42403D



57544F



42423D



21201E



613A00



E08700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3D3F42



4F5257



3D3D42



1E1F21



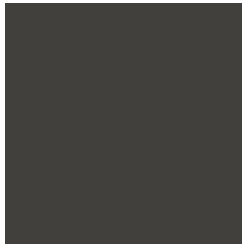
002761



005AE0

Previews

White Background



This preview shows how the Hex color 42403D looks on a white background.

Color Contrast Check

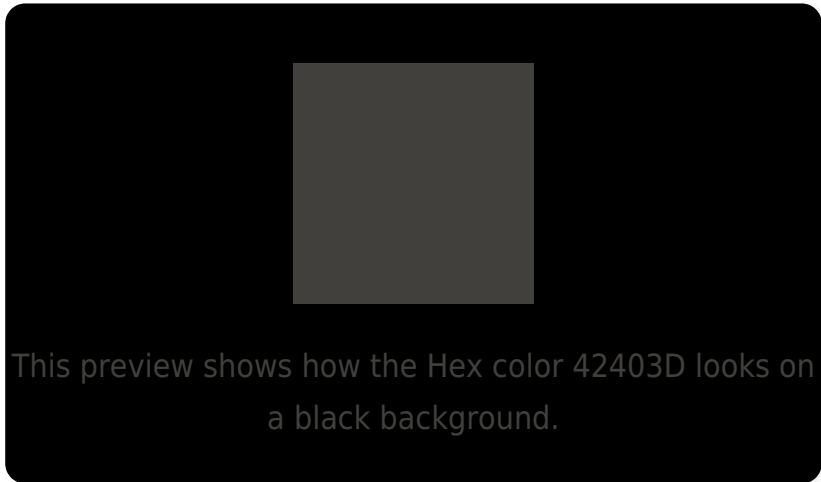
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

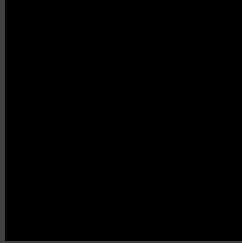
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42403D Background



This preview shows how black text looks on a background with the Hex color 42403D.



This preview shows how white text looks on a background with the Hex color 42403D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

42403D

Protanopia

42403D

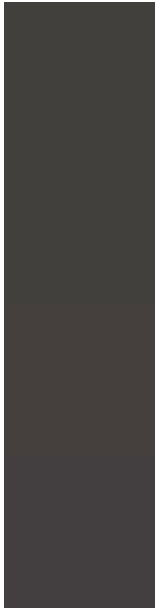
Deuteranopia

473E3D



Tritanopia
433F44

Trichromacy



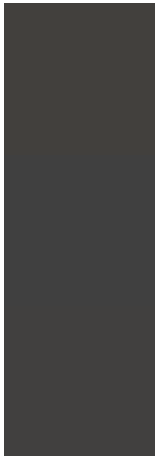
Original Color
42403D

Protanomaly
42403D

Deuteranomaly
453F3D

Tritanomaly
433F41

Monochromacy



Original Color
42403D

Achromatopsia
404040

Achromatomaly
41403F

CSS Examples

Text

The CSS property to change the color of the text to Hex 42403D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #42403D looks like.

```
.text, #text, p{  
    color:#42403D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #42403D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42403D
}
```

Border

The CSS property to change the border of an element to Hex 42403D is called "border". The border property can be set on classes, ids or directly on the HTML element.

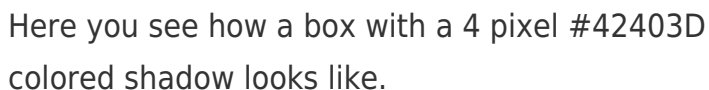
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42403D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#42403D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #42403D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42403D; -webkit-box-shadow:4px 4px  
4px 4px #42403D; box-shadow:4px 4px 4px  
4px #42403D }
```

Background

The CSS property to change the background color of an element to Hex 42403D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42403D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#42403D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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